

## INTERRUPTION DATA TRANSFER SYSTEM

Patent Number: JP63061532  
Publication date: 1988-03-17  
Inventor(s): SATO RYUZO  
Applicant(s): NEC CORP  
Requested Patent: JP63061532  
Application Number: JP19860206391 19860901  
Priority Number(s):  
IPC Classification: H04L13/00  
EC Classification:  
Equivalents:

---

### Abstract

---

**PURPOSE:** To prevent the overhead loss of communication control processing by additionally transmitting at least one-byte data indicating the interrupt indication and the frame length of an untransmitted frame when the transmission request of a preferential data frame is received to interrupt transmission of a normal data frame and restarting transmission of normal data thereafter.

**CONSTITUTION:** Normal data A and preferential data B are stored on a main memory of a main processor. If a communication control unit CCU (R) in the reception side receives the transmission request of data B while data a of data A is transmitted from a unit CCU (S) in the transmission side to the unit CCU (S) with a prescribed frame format, transmission of data a1 is interrupted to additionally transmit at least one-byte data indicating the interrupt indication and the frame length of an untransmitted frame, and data (b) of data B to be next transmitted is transmitted. Thereafter, data a2 following data a1 is transmitted, and at least one-byte data indicating the end indication and frame length zero of the untransmitted frame is additionally transmitted. Thus, it is unnecessary to transmit data A again from the first.

---

Data supplied from the **esp@cenet** database - I2

**Best Available Copy**